

Converting Colors

$Y_{xy}(30.5968, 0.4122, 0.3890)$

Have a look what the booklet for
Yxy(30.5968, 0.4122, 0.3890)
contains.

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Color

Yxy(30.6230, 0.4118, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	BC8D62
RGB	188, 141, 98
RGB Percent	74%, 55%, 38%
CMY	0.2628, 0.4470, 0.6157
CMYK	0.00, 0.25, 0.48, 0.26
HSL	29°, 40%, 56%
HSV	29°, 48%, 74%
XYZ	32.4679, 30.6230, 15.7530
YIQ	150.1510, 41.8150, -3.4090

Conversions

Conversions Part 2

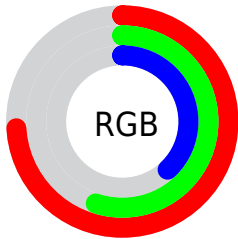
Format	Color
RYB	188, 180, 98
Decimal	12356962
CIELab	62.19, 12.51, 29.81
CIELCh	62, 32.329, 67.244
Yxy	30.6230, 0.4118, 0.3884
Android (android.graphics.Color)	4290547042 (0xFFBC8D62)
YUV	150.1510, -25.7104, 33.1936
Hunter-Lab	55.3381, 7.8880, 21.8586

Details

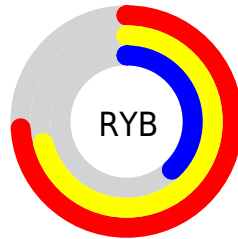
The Yxy color **30.6230, 0.4118, 0.3884** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.4736, 0.2373, 0.2592**, and the grayscale version is **30.6652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7930, 0.3920, 0.3786**, and **12.6180, 0.4437, 0.4048** is the 20% darker color. If you saturate the color by 10%, you get **27.5424, 0.4391, 0.3992**, and if you desaturate by 10%, it is **34.0466, 0.3864, 0.3761**.

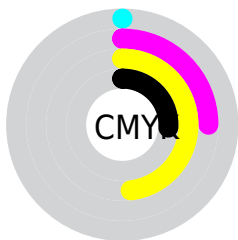
Distribution



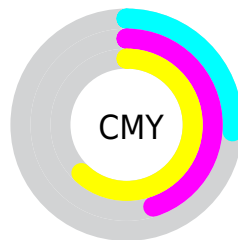
- Red (74%)
- Green (55%)
- Blue (38%)



- Red (74%)
- Yellow (71%)
- Blue (38%)



- Cyan (0%)
- Magenta (25%)
- Yellow (48%)
- Black (26%)




- Cyan (26%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6230, 0.4118, 0.3884 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 30.6230, 0.4118, 0.3884 by changing the saturation by 10% instead.


 30.6230, 0.4118,
0.3884

 30.6230, 0.4118,
0.3884

304.7977, 0.3590,
0.3588


 20.3119, 0.4257,
0.3953


 60.6460, 0.3920,
0.3779


 12.6220, 0.4439,
0.4036


 81.1268, 0.3847,
0.3739

 7.1688, 0.4681,
0.4133


 105.7662, 0.3786,
0.3704

 3.5679, 0.5039,
0.4256

 134.9488, 0.3735,
0.3675

 1.4349, 0.5605,
0.4395

169.0588, 0.3691,
0.3649

 0.2422, 0.6885,
0.3115

208.4807, 0.3653,

 0.0000, 0.0000,

0.3626

0.0000

253.5989, 0.3620,
0.3606

■ 30.6230, 0.4118,
0.3884

■ 30.6230, 0.4118,
0.3884

■ 27.5424, 0.4391,
0.3992

■ 34.0466, 0.3864,
0.3761

■ 24.7877, 0.4675,
0.4074

■ 37.8203, 0.3634,
0.3633

■ 22.3468, 0.4954,
0.4116


■ 41.9569, 0.3431,
0.3505


■ 20.2047, 0.5210,
0.4109

■ 46.4667, 0.3252,
0.3382

■ 18.3418, 0.5428,
0.4051


■ 51.3599, 0.3096,
0.3266

 17.9770, 0.5474,
0.4036

 56.6459, 0.2960,
0.3158

 62.3340, 0.2843,
0.3058

 68.4331, 0.2741,
0.2967

 74.1414, 0.2715,
0.3009

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.6230, 0.4136, 0.3490



30.6230, 0.4118, 0.3884



30.6230, 0.3821, 0.4170

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.6230, 0.4118, 0.3884



30.6230, 0.2432, 0.3455



30.6230, 0.2839, 0.2522

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.6230, 0.4118, 0.3884



26.4736, 0.2373, 0.2592

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.6230, 0.2433, 0.2469



30.6230, 0.4118, 0.3884



30.6230, 0.2213, 0.2955

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.6230, 0.4118, 0.3884



30.6230, 0.2842, 0.3948



30.6230, 0.2215, 0.2610



30.6230, 0.3361, 0.2742

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.6230, 0.4118, 0.3884



30.6230, 0.3518, 0.4236



30.6230, 0.2215, 0.2610



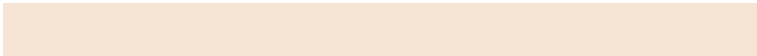
30.6230, 0.2686, 0.2484

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.6245, 0.4118, 0.3884



78.9430, 0.3363, 0.3460



21.5006, 0.3715, 0.2637



16.6043, 0.3403, 0.3487



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.6245, 0.4118, 0.3884



49.8869, 0.4393, 0.3993



46.2699, 0.3840, 0.4410



10.2683, 0.3277, 0.3400



12.3870, 0.5454, 0.4052



0.6162, 0.5075, 0.4352

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.4736, 0.2373, 0.2592



41.4869, 0.2224, 0.2413



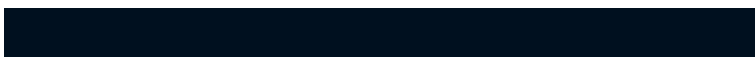
15.5333, 0.2237, 0.1852



10.0273, 0.2984, 0.3178



8.5892, 0.1798, 0.1671



0.4667, 0.1915, 0.2093

Previews

White Background



This preview shows how the Yxy color 30.6230, 0.4118, 0.3884 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 30.6230, 0.4118, 0.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

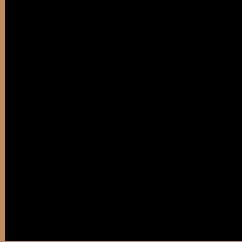
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.6230, 0.4118, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 30.6230, 0.4118, 0.3884.



This preview shows how white text looks on a background with the Yxy color 30.6230, 0.4118, 0.3884.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.6230, 0.4118, 0.3884

Protanopia

30.8791, 0.3736, 0.4038

Deuteranopia

30.6333, 0.4029, 0.3958



Tritanopia

30.5787, 0.3665, 0.3155

Trichromacy



Original Color

30.6230, 0.4118, 0.3884

Protanomaly

30.5777, 0.3869, 0.3970

Deuteranomaly

30.6983, 0.4070, 0.3935

Tritanomaly

30.5262, 0.3842, 0.3416

Monochromacy



Original Color

30.6230, 0.4118, 0.3884

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.3986, 0.3470, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6230, 0.4118, 0.3884 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(188, 141, 98)` looks like.

```
.text, #text, p{  
    color:rgb(188, 141, 98)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(188, 141, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 141, 98) }
```

Border

The CSS property to change the border of an element to Yxy 30.6230, 0.4118, 0.3884 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 141, 98) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(188, 141, 98) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(188, 141, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 141, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 141, 98);  
box-shadow:4px 4px 4px 4px rgb(188, 141,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6230, 0.4118, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 141, 98) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(188,  
141, 98) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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